

Abstract of the Disclosure

Data communication equipment and methods detect a fastest data communication transfer rate available on a communication network. The data communication equipment is capable of operating at different data communication transfer rates, and has a default communication rate which is used in establishing new network communication links. The data communication equipment modifies the default transfer rate based upon the success or failure of historical communication requests. Data communication equipment and methods dynamically adjust a delay time used during network callback operations. The data communication equipment uses the delay time to reduce the number of link connection retry attempts.

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